Philips 8000 series
LCD TV with Ambilight Spectra and Pixel Precise HD

37"

Full HD 1080p digital TV

37PFL8694H

Enjoy a movie night in

with Ambilight

Treat yourself to a movie night in. Enjoy the pleasure of the movies in your living room with Pixel Precise HD and the immersive power of Ambilight.

Immersive viewing experience
- Ambilight Spectra enhances the viewing experience

See precise details in action
- Pixel Precise HD for extremely sharp and clear pictures
- Full HD LCD display, with a 1920 x 1080p resolution
- 100 Hz LCD, 3 ms performance for superb motion sharpness
- Perfect Natural Motion for ultra-smooth Full HD movies

Exciting and powerful sound
- 2 x 12 W with BBE for fresh, clear sound

Connect and enjoy the online world
- Net TV for popular online services on your TV
- DLNA PC network link for watching videos from your computer

Ready for digital
- MPEG4 HDTV reception via DVB-T and DVB-C tuner with CI+*

PHILIPS

sense and simplicity

Highlights

Ambilight Spectra

Add a new dimension to your viewing experience with Ambilight Spectra. This patented Philips technology enlarges the screen further by projecting a glow of light from the back of the screen onto the surrounding wall. Ambilight automatically adjusts the colour and brightness of the light surrounding the TV to match the picture, creating an immersive viewing experience. With Ambilight Spectra movies truly come to life!

Net TV

Experience a rich selection of online services with Net TV. Enjoy movies, pictures, infotainment and other online content directly on your TV whenever you like. Simply connect your TV directly to your home network through the Ethernet connection, and navigate and select what you want to watch with the TV remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen. Additionally, with the DLNA certified PC network you can watch videos or access pictures stored on your computer using your TV remote control.

Full HD LCD display 1920 x 1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

Perfect Natural Motion

Enjoy the action without any judder. Perfect Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and pre-recorded movie material (including 1080p movies and 24p True Cinema on Blu-ray and DVD). The result is even smoother and quieter pictures with excellent sharpness, regardless of how quick the action gets on-screen. Enjoy motion performance that surpasses cinema quality!

100 Hz LCD (3 ms)

100 Hz LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100 Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a performance with a response time of 3 milliseconds (measured in Perceived Blur-Edge-Width: BEW). This unique Philips technology takes motion sharpness of LCD displays to an unprecedented level.

2 x 12 W with BBE

BBE high definition sound is the core sound enhancement technology (licensed by BBE Sound) that will enable you to experience real natural music and speech intelligibility with rich and clear audible vocals.

DLNA PC network link for video

DLNA PC network link lets you watch videos, view pictures and listen to music from your PC

MPEG4 DVB-T/C tuner with CI+*

HDTV allows you to watch TV in the best possible picture and sound quality, without an additional set-top box. Thanks to the built-in tuner that supports DVB-Terrestrial and DVB-Cable signals for both MPEG-2 and MPEG-4 formats, you receive high definition TV programmes in exceptional quality. Moreover, with Common Interface Plus (CI+) you benefit from premium high definition content directly on your TV.

LCD TV with Ambilight Spectra and Pixel Precise HD
37" Full HD 1080p digital TV

37PFL8694H/12

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 80,000:1
- Response time (typical): 3 ms
- Viewing angle: 176° (H)/176° (V)
- Diagonal screen size: 37 inch / 94 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920 x 1080p
- Picture enhancement: Pixel precise HD, Perfect Natural Motion, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, Progressive Scan, 2D/3D noise reduction, 100 Hz LCD
- Screen enhancement: Anti-Reflection coated screen
- Colour processing: 4 trillion colours (14-bit RGB)

Ambilight
- Ambilight Features: Ambilight Spectra, Lounge light mode
- Dimming Function: Manual and via Light Sensor
- Ambilight light system: LED-wide colour

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60 Hz
800 x 600	60 Hz
1024 x 768	60 Hz
1280 x 1024	60 Hz
1360 x 768	60 Hz
1600 x 1200	60 Hz
1920 x 1080	60 Hz

- Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576i	50 Hz
576p	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	24, 25, 30, 50, 60 Hz

Sound
- Output power (RMS): 2 x 12 W
- Sound Enhancement: Incredible Surround, Treble and Bass Control
- Sound System: Nicam Stereo, BBE

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug and Play
- Ease of Use: Auto Volume Leveller (AVL), Delta Volume per preset, Programme List, Settings assistant Wizard, One-stop Home button, Favourite programme selection
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide*
- Remote Control: Universal
- Remote control type: RC4495
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1000-page Smart Text
- Teletext enhancements: 4 favourite pages
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: DLNA media Browser, Internet browser, Net TV services, USB media browser
- Smart mode: Game, Movie, Personal, Energy saving, Standard, Vivid

Multimedia Applications
- Multimedia connections: Ethernet-UTP5, USB
- Playback Formats: MP3, LPCM, WMA v2 up to v9.2, JPEG Still pictures, MPEG1, MPEG2, MPEG4, AVI, H.264/MPEG-4 AVC, MPEG-Programme-stream PAL, WMV9/VC1

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

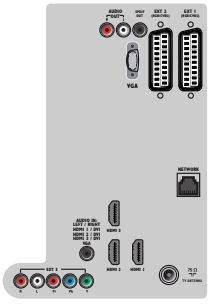
Connectivity
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in
- Front/Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone out, USB
- PC network link: DLNA 1.0 certified
- Other connections: Analogue audio Left/Right out, PC Audio in, PC-In VGA, S/PDIF out (coaxial), Common Interface
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- HDMI 3: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, Remote control pass-through, System audio control, System standby

Power
- Ambient temperature: 5°C to 35°C
- Mains power: 220 - 240 V, 50 Hz
- Power consumption: 220 W
- Standby power consumption: 0.15 W

Dimensions
- Set dimensions (W x H x D): 886 x 542 x 88 mm
- Set dimensions with stand (W x H x D): 886 x 598 x 260 mm
- Weight incl. Packaging: 22.7 kg
- Product weight: 14.5 kg
- Product weight (+stand): 18.7 kg
- Box dimensions (W x H x D): 1111 x 644 x 265 mm
- Colour cabinet: Black deco front with brilliant pearl speakers
- VESA wall mount compatible: 200 x 200 mm

Accessories
- Included Accessories: Tabletop swivel stand, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control

Rear connectors



Side

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* DVB-T, supported in selected countries only
* DVB-C in selected countries and for selected operators only. Most up to date information is available on the type plate of the TV.
* Net TV, service offering is dependent on country and subject to terms of use.